

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: 2182
Examiner: Chen, Alan S

In Re PATENT APPLICATION Of:

Applicant(s) : Shu-Mei Chang)
Serial No. : 10/660,517)
Filed : September 12, 2003)
For : Receiver of Cordless Input Apparatus)
Docket NO. : PO92279 (New OP-092000171))

REPLY
AFTER FINAL

June 18, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Reply is in Responsive to the Examiner's Final Action dated April 19, 2006.

REMARKS

Claims 1-20 are pending. The Examiner has rejected claims 1-20 under 35 U.S.C. 103(a) as being unpatentable over Lazzarotto et al. (USP 6,782,245) in view of Yen et al. (US 2004/0198429).

Applicant respectfully traverses the Examiner's rejections according to at least the following reasons.

Applicant's receiver for cordless input devices, referring to Figure 1, includes the primary receiving module 1 and the secondary receiving module 2. The primary and secondary receiving modules 1 and 2 use a transmission interface (USB interface) 11 and 21 to connect with each other in a plug-and-play and hot plugging manner (see Applicant's claim 1), or the primary and the secondary receiving modules 1 and 2 are electrically connected to each other by a plug-in transmission interface 11 and 21 (see Applicant's claims 7 and 18). As such, the secondary receiving module 2 can be unplugged from the primary receiving module 1 to connect with another host computer (not the computer host 3 in Figures 3-5).

That is, Applicant's invention discloses, as stated in previous reply, a secondary receiving module of a receiver capable of unplugging or disconnecting from a primary receiving module of the receiver so that when the primary receiving module is connected to a host computer, the secondary receiving module can be connected to another host computer.

In comparison, as shown in Lazzarotto's Figure 6B, the elements 604 and 605 are connected to a USB hub 610 which is used to connect with a host or other USB devices.

The USB interface to host of Lazzarotto's USB hub 610 may refer to Applicant's transmission plug 12. The USB interface to USB compliant device of Lazzarotto's USB hub 610 may refer to Applicant's transmission slot 13. However, Lazzarotto does not disclose any transmission interface for the elements 604 and 605 to connect with each other as of Applicant's claims 1, 7 and 18. That is, Lazzarotto does not teach or suggest the elements 604 and 605 can be separated and individually used for two different host computers.

Furthermore, Yen's Figure 1 shows conventionally the wireless communication equipment 18 connected to the USB hub 10 and Yen's invention integrates the wireless communication module 24 and the USB hub control module 22 together in Figure 2. Yen does not teach or suggest the USB hub 10 in Figure 1 or the USB peripheral equipment 32 connected to the USB control module 22 in Figure 2 including another wireless receiving module.

Actually, Lazzarotto teach or suggest to put two wireless receiving elements 604 and 605 together in the communication hub 600b. Even though the communication hub 600b provides the USB hub 610 for other USB compliant device to be connected, in view of Yen as explained above, it will not be obvious for the skilled person in the art to obtain Applicant's claimed invention.

To establish a *prima facie* case of obviousness, three basic criteria must be met. First, there must be suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or the combine reference teachings. Second, there must be a reasonable expectation of

success. Finally, the prior art reference (or references when combined) must teach or suggest all the claimed limitations.

There is not any suggestion or desirability for Lazzarotto or further combining Yen to obtain the pending claims 1, 7 and 18. Further, even if Lazzarotto should be modified or combined by the teaching of Yen, no reasonable expectation of success is foreseeable. Thirdly, the combination does not teach or suggest all the claimed limitations, particularly two receiving modules able to be connected with each other or to be separated to individually connect with a computer. Therefore, the Examiner does not meet with the requirement of establishing a *prima facie* case of obviousness. The rejections over claims 1-20 should be withdrawn.

In view of the foregoing, the application is believed to be in condition for allowance. Entry of the amendments and issuance of a Notice of Allowance is therefore respectfully requested. If any additional fee is required, please charge Deposit Account Number 502751.

Respectfully submitted,

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